

Furipat®: refractory steel cylindrical premix gas burner



Application

Furipat® is a refractory steel cylindrical premix burner. It is specially designed for use in high efficiency/condensing residential applications. Furipat® is compatible with round combustion chambers. The Furipat® range provides considerable size and shape options and a compact design with a high specific loading. Bekaert can provide you with as many burner solutions as you desire.



Discover our burner concept: Furipat®

Bekaert is the inventor of the Furipat® technology. This gas burner can be made in a large variation of sizes, meeting any of your specific requirements. Choosing this type of burner ensures extremely low emission levels and a high modulation range (>1/10). With Furipat® you benefit from proven durability and Bekaert assures you of extremely high standards in quality and reliability. The Furipat® has undergone stringent life testing and has proven itself for over 15 years in the field with more than 15 million gas burners installed.

Bekaert is a solid organisation where you can buy a gas burner as well as a heat exchanger. We can therefore offer you complete heat cells including the key components. Supported by our specialists and researchers we wish to work with you to develop new products and applications.

Benefit exclusively from Bekaert's leading experience in the combustion technology!

Benefits

- Innovative construction for a longer product life
- Leads to high efficiencies whilst reducing CO2 emissions
- Wide product range, providing you with many burner solutions
- Benefit from durability, reliability and a proven technology for almost two decades

Specifications

- High outputs of up to 200 kW (depending on appliance and dimensions)
- High modulation range from 1 up to 20 kW/dm² (dependent upon appliance and dimensions)
- NOx emission level < 50 mg/kWh (blue angel)
- CO emission level < 50 mg/kWh (blue angel)
- A life expectancy of more than 20.000 hours and 500.000 heat cycles
- Suited for boilers with round combustion chambers
- Compatible with all gases of the first, second and third family



Furipat® is a product of:

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Size options

Diameter (mm)	Maximum length (mm)	Maximum heat load (kW)
63	300	100
70	400	200

Heat load and maximum length are indicative and dependent upon appliance and application